

FIG. 1 is a perspective view of a device 10 in accordance with the present invention. The device 10 includes a base 11, a first support 12, a second support 13, a first spring 14, a second spring 15, a first arm 16, a second arm 17, a first weight 18, and a second weight 19. The first support 12 is connected to the base 11 by the first spring 14. The second support 13 is connected to the base 11 by the second spring 15. The first arm 16 is connected to the first support 12 and the first weight 18. The second arm 17 is connected to the second support 13 and the second weight 19. The device 10 is configured to measure the force exerted by the first weight 18 and the second weight 19.

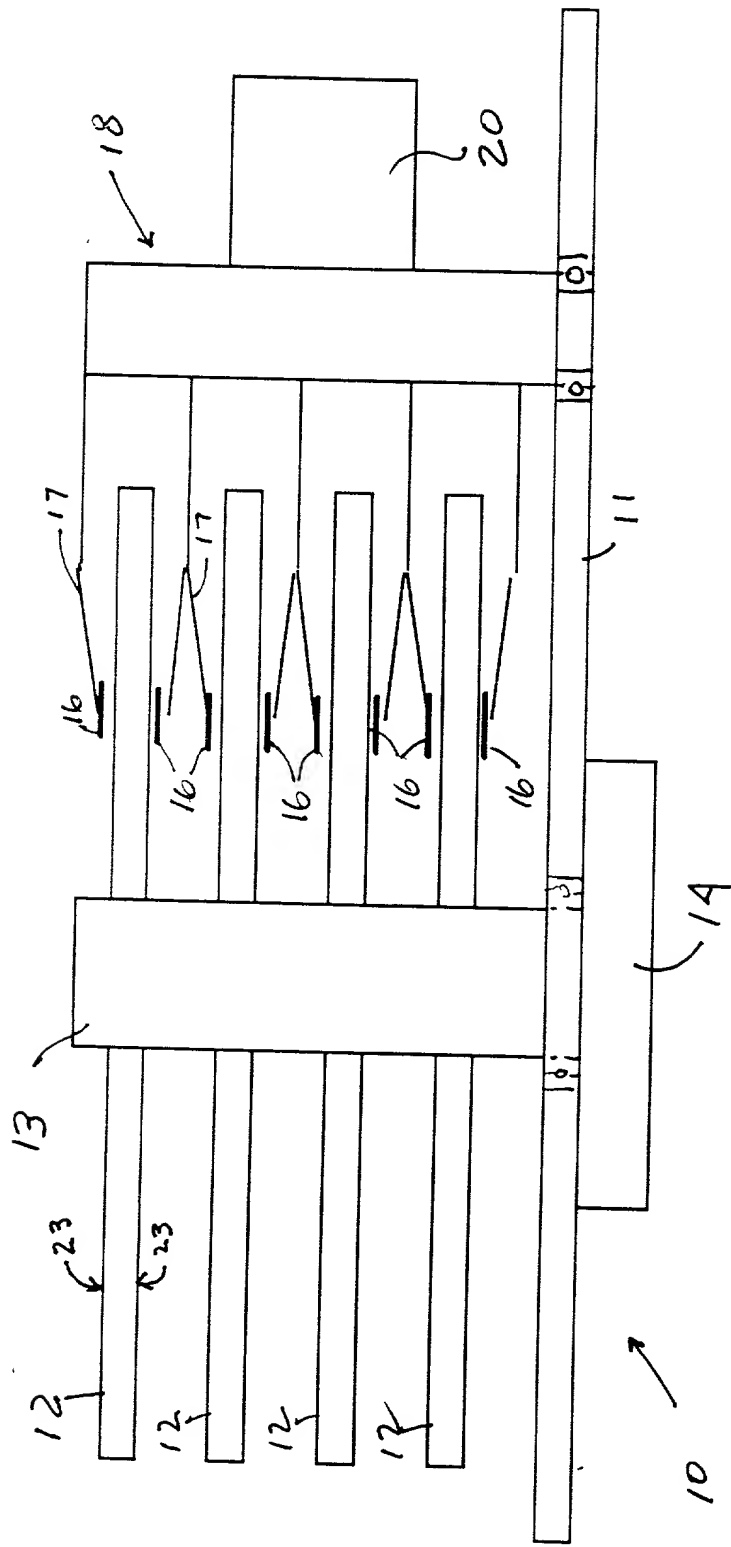
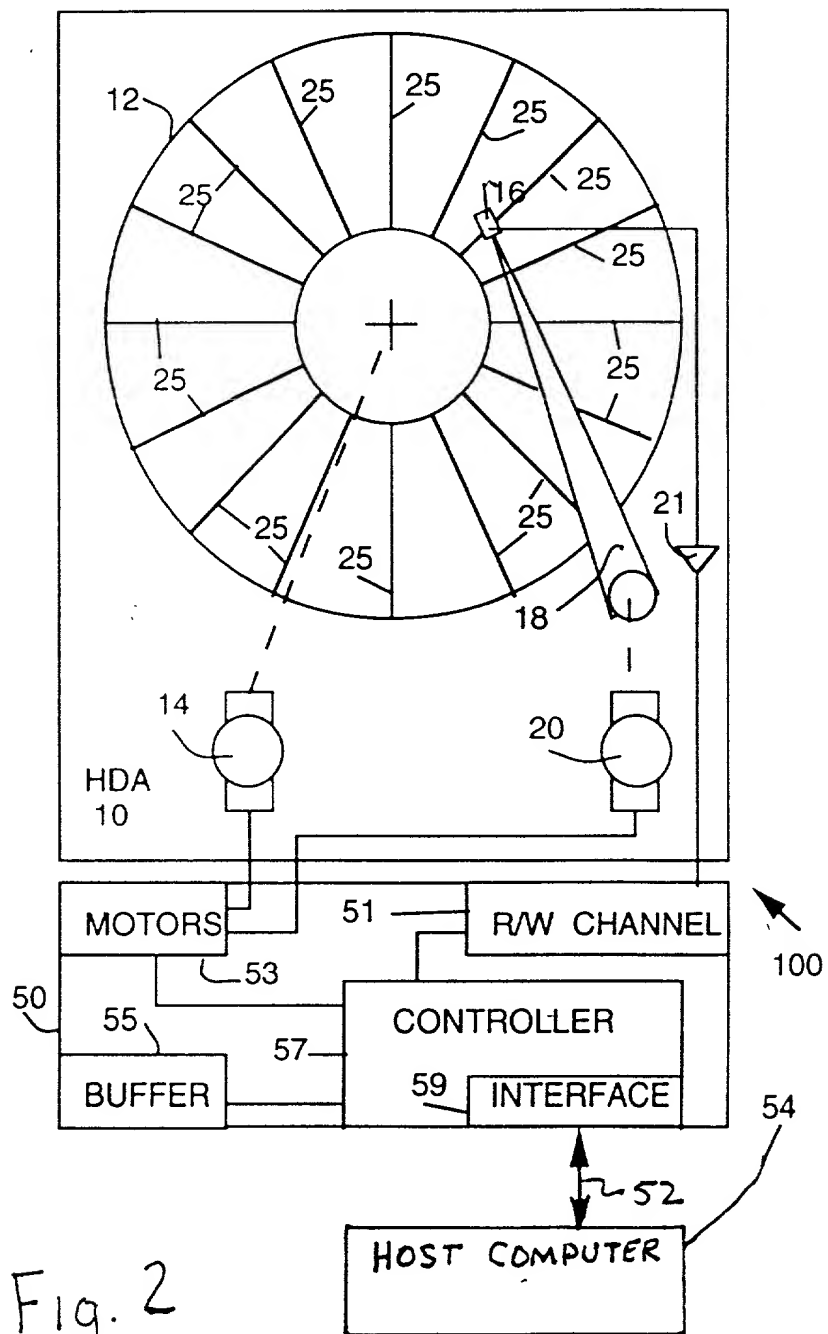


Fig. 1



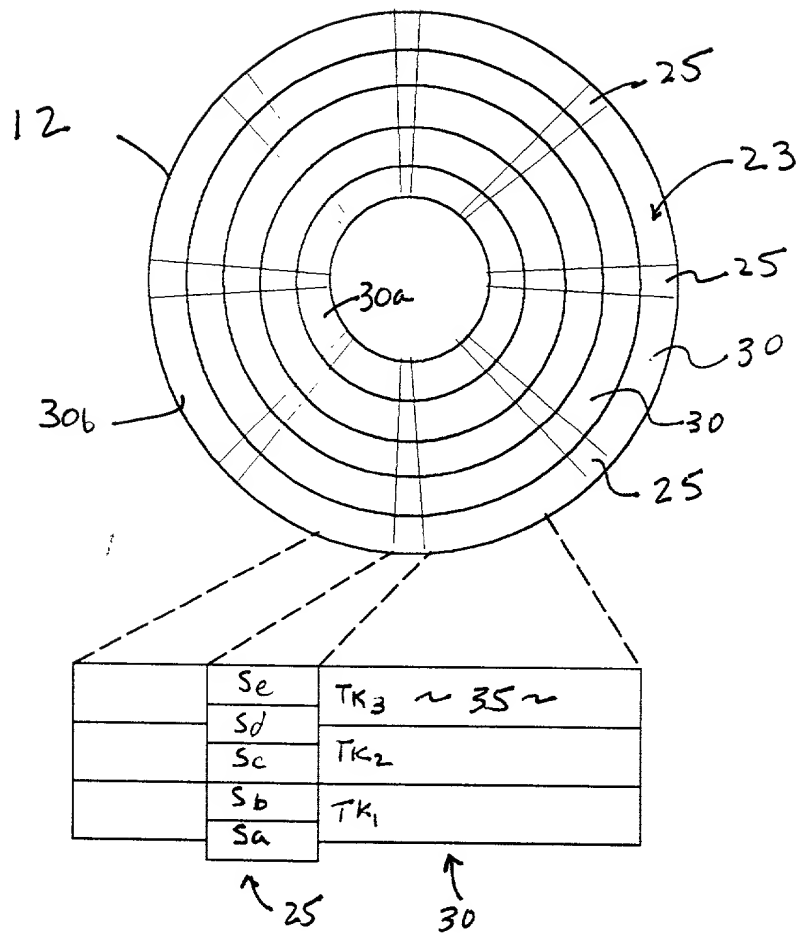


Fig. 3

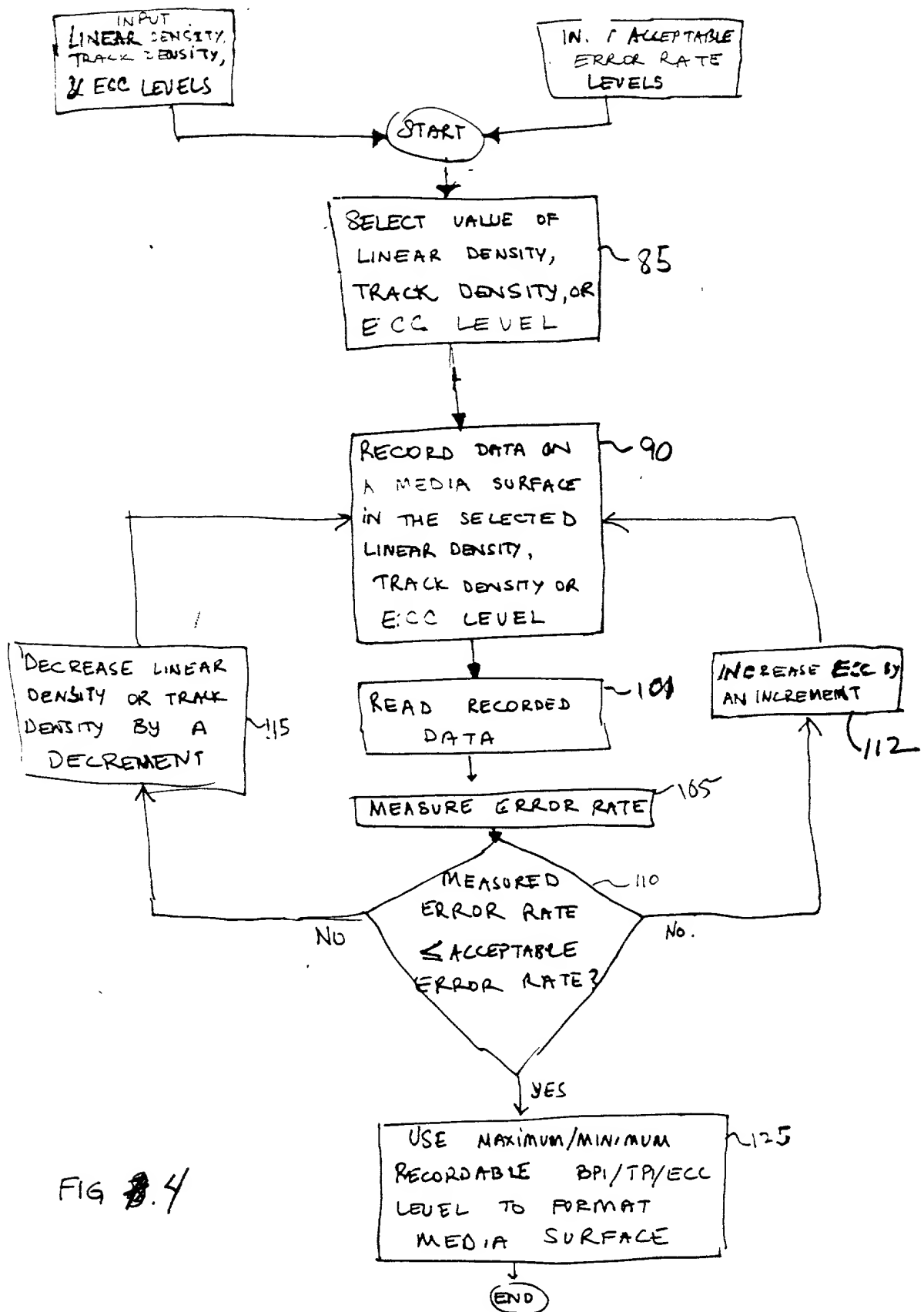
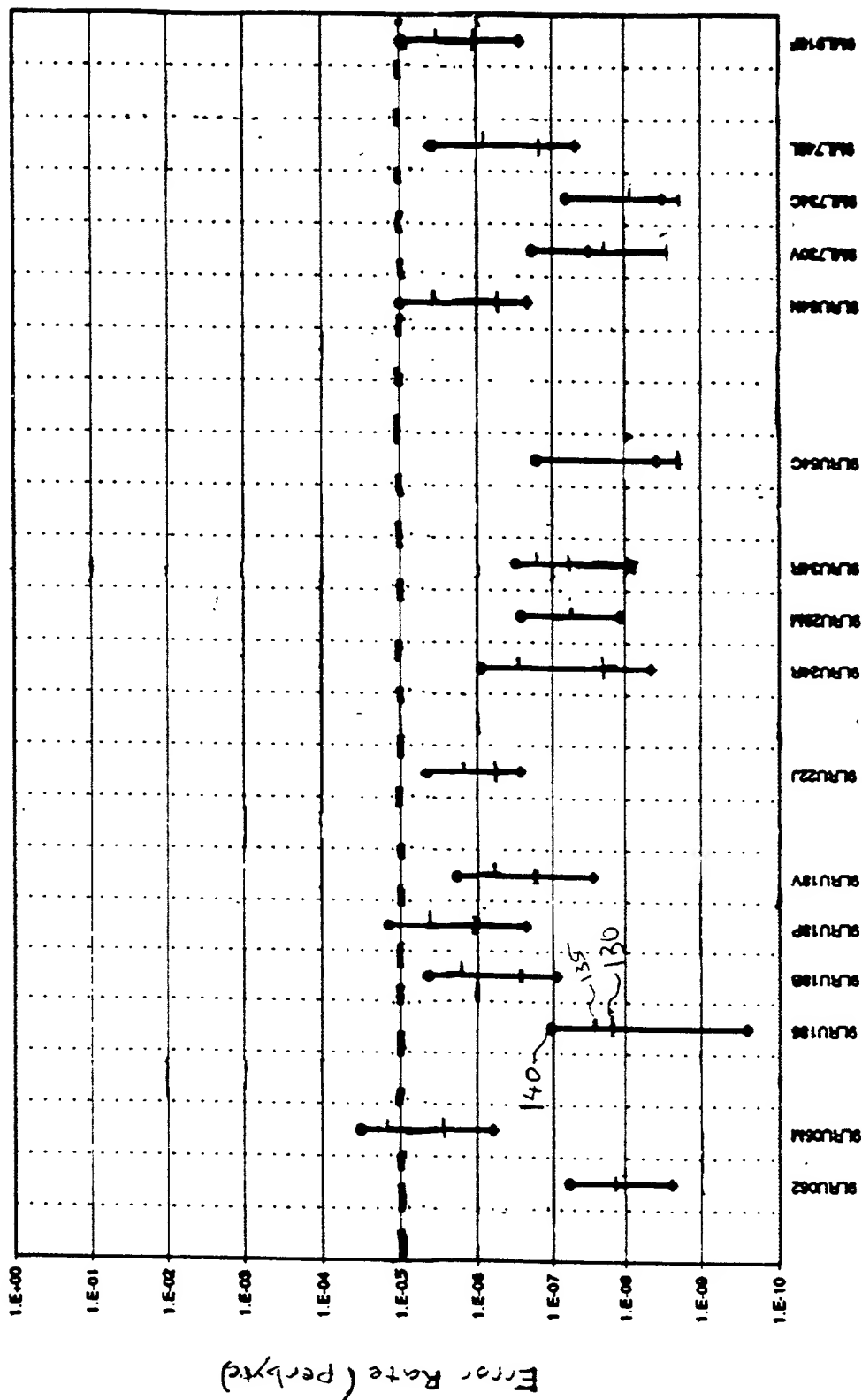


FIG 4



Paired Magnetic Heads and Media Surfaces

Fig. 5

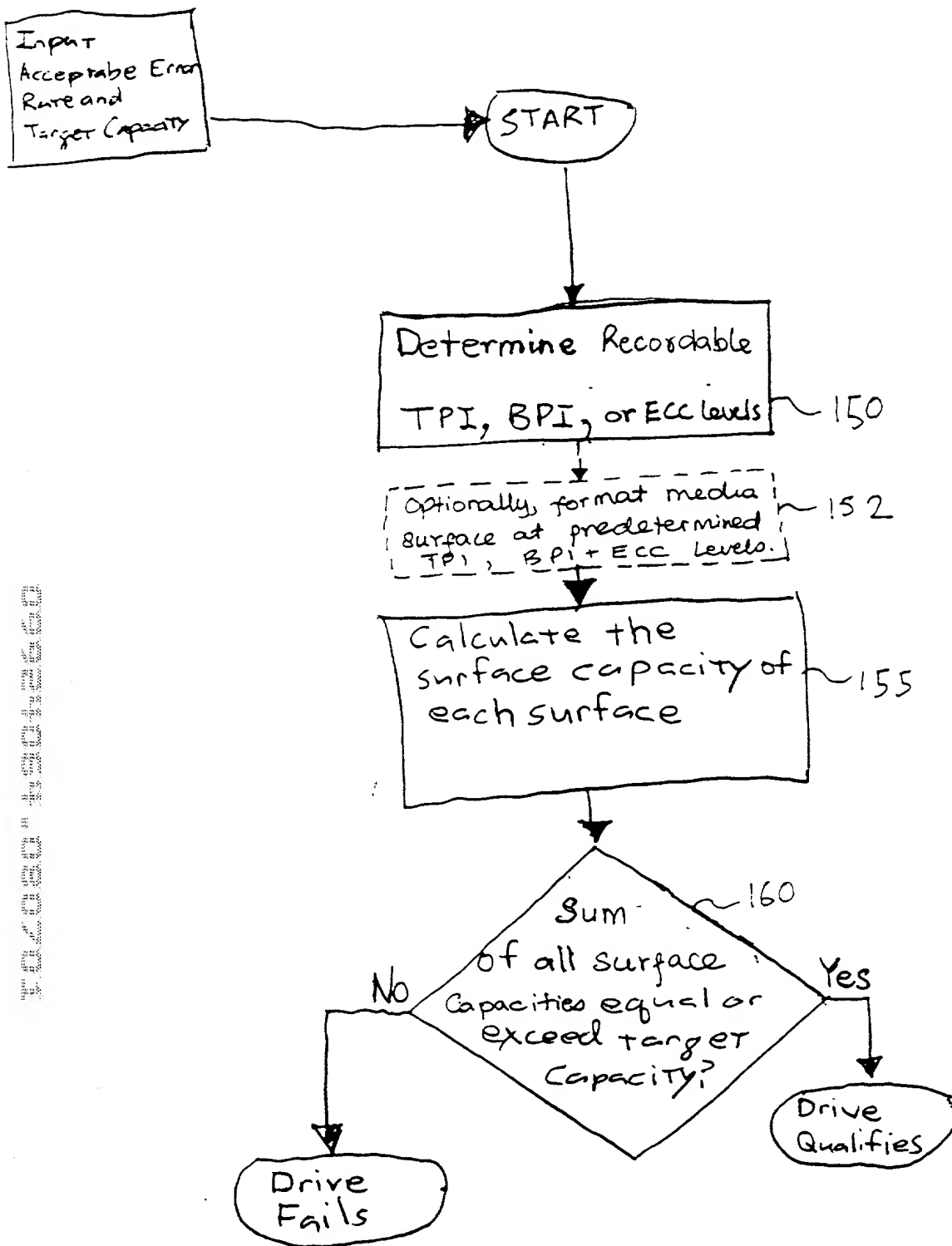


Fig. 5b

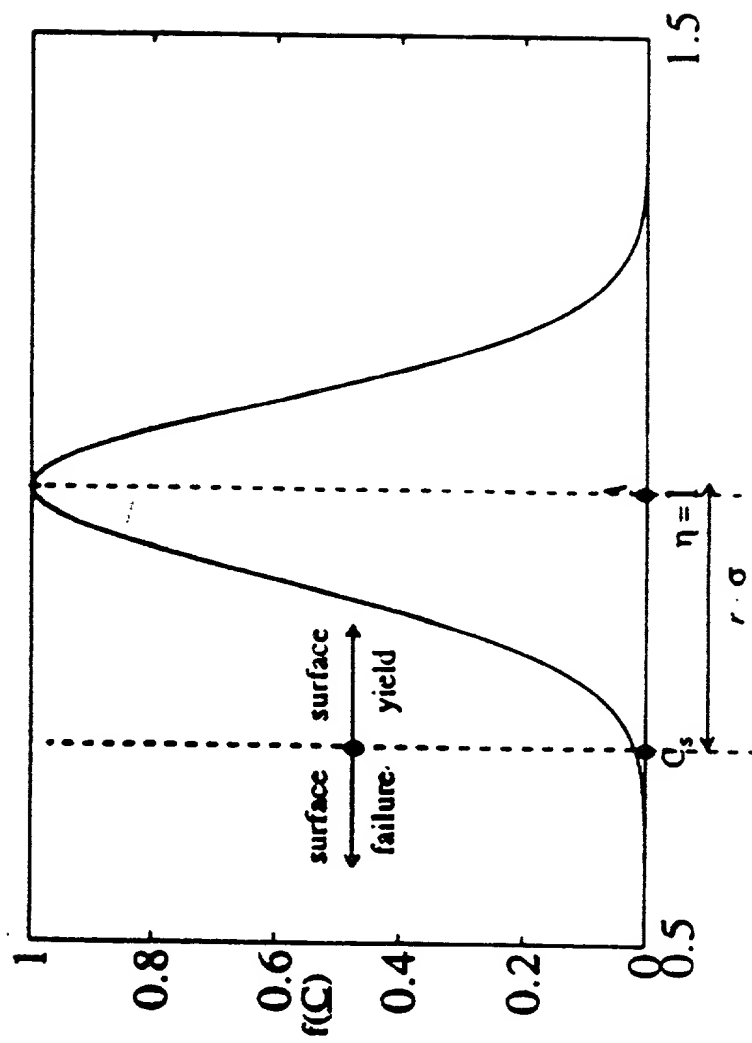


Fig. 7

Figure 8 is a graph showing the relationship between Drive Capacity and Drive Failure Probability (%). The graph includes a solid curve and a dashed curve, with a point labeled 165 and a point labeled 170.

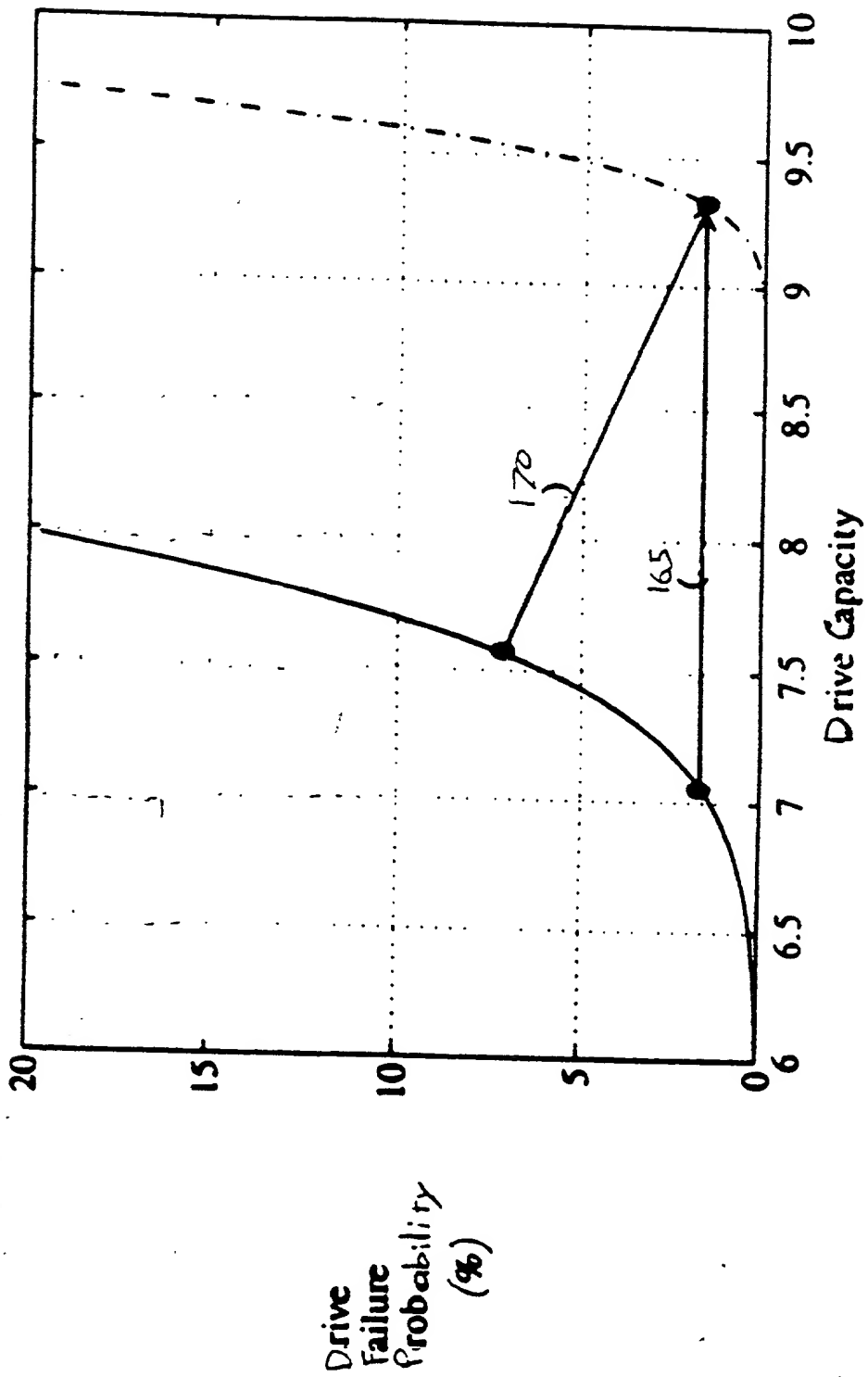


Fig. 8